PTO/SB/08A (10-01) Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork tion Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. * 1

Complete if Known Substitute for form 1449A/PTO **Application Number** 10/055,068 INFORMATION DISCLOSURE Filing Date January 22, 2002 STATEMENT BY APPLICANT **First Named Inventor** Kunal Mitra (use as many sheets as necessary) **Art Unit** 2882 **Examiner Name** Sheet of **Attorney Docket Number** 1 4 FIT-100XC1

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. 1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
HC	U1	US-5,327,446	07-05-1994	Waynant	All			
MP	U2	US-5,370,608	12-06-1994	Sahota <i>et al</i> .	All			
118	U3	US-5,707,332	01-13-1998	Weinberger	All			
111	U4	US-5,916,143	06-29-1999	Apple et al.	All			
111	U5	US-6,093,141	07-25-2000	Mosseri <i>et al</i> .	All			

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. 1	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶			
	F1	(
	F2								
	F3								
	F4								
	F5					L.,			
	F6					<u></u>			
	F7			1					
	F8								
	F9								

Examiner	//	100-8	Date	01.11.2
Signature	(h	1 / Keli	Considered	7/16/3)
		_		

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁸ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Reference Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

control number Substitute for form 1449B/PTO INFORMATION DISCLOSURE

MAY 1 6 2002

Sheet

(use as many sheets as necessary)

of

STATEMENT BY APPLICANT

Con	nplete if Known			
Application Number	10/055,068			
Filing Date	January 22, 2	002		64
First Named Inventor	Kunal Mitra			• [
Group Art Unit	2882		•	
Examiner Name			•	7.]
Attorney Docket Number	FIT-100XC1		,	; d

	-	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials* Cite No. 1		Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		BITTL, JOHN A. et al., "Clinical Success, Complications and Restenosis Rates with Excimer Laser Coronary Angioplasty," American Journal of Cardiology, 1992, pp. 1533-1539, Vol. 70.	
1	R2	CATTANEO, CARLO et al., "A Form of Heat Conduction Equation Which Eliminates the Paradox of Instantaneous Propagation," Comptes Rendus, 1958, pp. 431-433, Vol. 247.	
\top	NZ .	COURSEY, B.M. et al., "Radionuclide Therapy," Physics Today, April 2000, pp. 25-30.	T
	R3 R4	DE JAEGERE, P. et al., "Endovascular Stents: Preliminary Clinical Results and Future Developments," Clinical Cardiology, 1993, pp. 369-378, Vol. 16.	
	R5	ELLIS, S.G. et al., "Restenosis after Placement of Palmaz-Schatz Stents in Native Coronary Arteries: Initial Results of Multicenter Experience," Circulation, 1992, pp. 1836-1844, Vol. 86.	
	R6	GANNOT, ISRAEL et al., "Current Status of Flexible Waveguides for IR Laser Radiation Transmission," IEEE Journal of Selected Topics In Quantum Electronics, 1996, pp. 880-889, Vol. 2 No. 4.	
	R7	ILEV, ILKO K. et al., "All-Fiber-Optic Sensor for Liquid Level Measurement," Review of Scientific Instruments, 1999, pp. 2551-2554, Vol. 70 No. 5.	
	R8	ILEV, ILKO K. et al., "Grazing-Incidence-Based Hollow Taper for Infrared Laser-to-Fiber Coupling," Applied Physics Letters, 1999, pp. 2921-2923, Vol. 74 No. 20.	
	R9	ILEV, ILKO K. et al., "Ultraviolet Laser Delivery Using an Uncoated Hollow Taper," IEEE Journal of Quantum Electronics, August 2000, pp. 944-948, Vol. 36 No. 8.	
		JOSEPH, D.D. et al., "Heat Waves," Reviews of Modern Physics, January 1989, pp. 41-73, Vol. 61 No. 1.	
	R10	KAMINSKI, W., "Hyperbolic Heat Conduction Equation for Materials with a Nonhomogeneous Inner Structure," Journal of Heat Transfer, August 1990, pp. 555-560, Vol. 112.	
	R11	KIM, W.S. et al., "Hyperbolic Heat Conduction Due to Axisymmetric Continuous or Pulse Surface Heat Sources," Journal of Applied Physics, December 1990, pp. 5478-5485, Vol. 68.	
HI	R12	KUCZUMOW, ANDRZEJ et al., "Scheme for X-Ray Tracing in Capillary Optics," Applied Optics, December 1994, pp. 7928-7932, Vol. 33 No. 34.	

Examiner	1101	Date	9/10/12
Signature	(Mell)	Considered	1/16/03

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

3 of

Con	nplete if Known	
Application Number	10/055,068	
Filing Date	January 22, 2002	
First Named Inventor	Kunal Mitra	
Group Art Unit	2882	
Examiner Name	`	. 3
Attorney Docket Number	FIT-100YC1	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/1/ R14		KUMAKHOV, M.A. et al., "Multiple Reflection From Surface X-Ray Optics," Physics Reports, 1990, pp. 289-350, Vol. 191 No. 5, North-Holland.	
1	R15	KUMAR, SUNIL et al., "Hyperbolic Damped-Wave Models for Transient Light-Pulse Propogation in Scattering Media," Applied Optics, July 1996, pp. 3372-3378, Vol. 35 No. 19.	
	R16	.KUMAR, SUNIL et al., "Microscale Aspects of Thermal Radiation Transport and Laser Applications," Advances In Heat Transfer, 1999, pp. 187-294, Vol. 33, Academic Press, San Diego.	
	R17	MATSUURA, YUJI et al., "Delivery of F ₂ –excimer Laser Light by Aluminum Hollow Fibers," Optics Express, June 2000, Vol. 6 No. 13.	
	R18	MITRA, KUNAL et al., "Development and Comparison of Models for Light-Pulse Transport through Scattering-Absorbing Media, January 1999, pp. 188-196, Vol. 38 No. 1.	
	R19	MITRA, K. et al., "Experimental Evidence of Hyperbolic Heat Conduction in Processed Meat," Journal of Heat Transfer, 1995, pp. 568-573, Vol. 117 No. 3.	
	R20	MOSHER, D. et al., "X radiation from High-Energy-Density Exploded-Wire Discharges," Applied Physics Letter, October 1973, pp. 429-430, Vol. 23 No. 8.	
		MOSHER, D. et al., "X-Ray Light Pipes," Applied Physics Letter, July 1976, pp. 105-107, Vol. 29 No. 2.	
	R21 R22	PEPINE, CARL J. et al. "A Controlled Trial of Corticosteroids to Prevent Restenosis After Coronary Angioplasty," Circulation, February 1990, pp. 1753-1761, Vol. 81.	
	R23	RINDBY, A., "Applications of Fiber Technique in the X-Ray Region," Nuclear Instruments and Methods in Physics Research, 1986, pp. 536-540, A249, North-Holland, Amsterdam.	
	R24	SCHATZ, RICHARD A.et al. "Clinical Experience With the Palmaz-Schatz Coronary Stent Initial Results of a Multicenter Study," Circulation, 1991, pp. 148-161, Vol. 83	
	R25	SERRUYS, PATRICK W. et al, "A Comparison of Balloon-Expandable-Stent Implantation with Balloon Angioplasty in Patients with Coronary Artery Disease," The New England Journal of Medicine, August 1994, pp. 489-495, Vol. 331 No. 8.	
Me	R26	TEIRSTEIN, PAUL S. et al., "Two-Year Follow-Up After Catheter-Based Radiotherapy to Inhibit Coronary Restenosis," Circulation, January 1999, pp. 243-247, Vol. 99 No. 2.	

			<i>,</i>	
Examiner			Date	91.1/23
Signature	//~/ 3	ill	Considered	7/16/0

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperbork Reduction control number. t of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of

Con	nplete if Known		
Application Number	10/055,068 -		
Filing Date	January 22, 2002		- i
First Named Inventor	Kunal Mitra	•	-
Group Art Unit	2882	-	• *.
Examiner Name	,		- ''
Attorney Docket Number	FIT-100XC1	_	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, joumal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
198	R27	TOPOL, ERIC J. et al., "A Comparison of Directional Atherectomy with Coronary Angioplasty in Patients with Coronary Artery Disease," The New England Journal of Medicine, July 1993, pp. 221-227, Vol. 329 No. 4.	
]	R28	VEDAVARZ, ALI et al., "Significance of Non-Fourier Heat Wave in Conduction," ASMW Journal of Heat Transfer, February 1994, pp. 221-224, Vol. 116.	
	R29	VERIN, VITALI et al., "Intra-arterial Beta Irradiation Prevents Neointimal Hyperplasia in a Hypercholesterolemic Rabbit Restenosis Model," Circulation, 1995, pp. 2284-2290, Vol. 92 No. 8.	
	R30	VERNOTTE, M.P. et al., "Les Paradoxes de la Theorie Coninue de l'Equation de la Chaleur," Comptes Rendus, 1958, pp. 3154-3155, Vol. 246.	
	R31	WAKSMAN, RON et al., "Endovascular Low-Dose Irradiation Inhibits Neointima Fomation After Coronary Artery Balloon Injury in Swine: A Possible Role for Radiation Therapy in Restenosis Prevention," Cirulation, 1995, pp. 1533-1539, Vol. 91.	
	R32	GANNOT, I. et al., "Broadband Flexible Waveguides for Free-Electron Laser Radiation," Applied Optics, September 1997, pp. 6289-6293, Vol. 36 No. 25.	
	R33	WEIDERMANN, J.G. et al., "Intracoronary Irradiation Markedly Reduces Neointimal Proliferation After Balloon Angioplasty in Swine: Persistent Benefit at 6-Month Follow-Up," Journal of American College of Cardiology, 1995, pp.1451-1456, Vol. 25.	
	R34	WHITWORTH, HALL B. et al., "Effect of Nifedipine on Recurrent Stenosis After Percutaneous Transluminal Coronary Angioplasty," Journal of American College of Cardiology, 1986, pp. 1271-1276, Vol. 8 No. 6.	
	R35	ILEV, ILKO K. et al. "Uncoated hollow taper as a simple optical funnel for laser delivery," Review of Scientific Instruments, October 1999, pp. 3840-3843, Vol. 70 No. 10.	
m	R36	SPILLER, EBERHARD et al. "Propagation of x rays in waveguides," Appl. Phys. Lett., January 1974, pp. 60-61, Vol. 24 No. 2.	

Examiner	11/00	Date 9/1	1/2
Signature	(mills	Considered ///6	/*/

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.